

Section A

Executive Summary

INTRODUCTION

This section provides an executive level summary of the performance information covered in this report and is intended to bring to Management’s attention that information considered to be most noteworthy. All cost, schedule, milestone commitments, performance measures, and safety data is current as of August 31. Accomplishments, Issues and Integration items are current as of September 18 unless otherwise noted.

The section begins with a description of notable accomplishments that have occurred since the last report and are considered to have made the greatest contribution toward safe, timely, and cost-effective clean up. Following the accomplishment section is an overall fiscal year-to-date summary analysis addressing cost, schedule, and milestone performance. Overviews of safety ensue. The next segment of the Executive Summary, entitled Critical Issues, is designed to identify the high-level challenges to achieving cleanup progress.

The next section includes FY 2000 EM Management Commitment High Visibility Project Milestones and Critical Few Performance Measures.

The Key Integration Activities section follows next, highlighting PHMC activities that cross contractor boundaries and demonstrate the shared value of partnering with other Site entities to accomplish the work. Concluding the Executive Summary, a forward-looking synopsis of Upcoming Planned Key Events is provided.

Note: Milestones tracked and reported in this report consist of two Department of Energy levels. In descending order these levels are: 1) Department of Energy-Headquarters (HQ), and 2) Richland Operations (RL). Because it is also useful to distinguish milestones based on specific drivers, the Site applies a designation for those milestones created or tracked to meet the requirements of Enforceable Agreements (EAs). When a milestone satisfies both an EA requirement and a milestone level, it is categorized as both. However, in order to avoid duplicate reporting, this report accounts for each milestone only once. Where an overlap exists between EA and a level (i.e., HQ or RL), the milestone is reported as EA. Additionally, Tri-Party Agreement (TPA) Major and Interim milestones are EA milestones, TPA target milestones are not.

NOTABLE ACCOMPLISHMENTS

TRU WASTE SHIPMENTS TO WIPP CONTINUE

The second shipment of TRU waste to the Waste Isolation Project Plant (WIPP) was completed on August 24, 2000 (40 drums). A third shipment of 42 drums was sent on September 20, 2000. Carlsbad Area Office (CAO) requested the waste shipment’s arrival at WIPP correspond to DOE Secretary Richardson’s visit on September 22, 2000.

ANALYTICAL SERVICES MILESTONE COMPLETED

Analytical Services completed the FY 2000 milestone commitment of 11 Analytical Equivalent Units (AEUs) on August 18, 2000.

PLUTONIUM STABILIZATION ACCELERATING

Through September 11, 2000 a total of 602 items of Plutonium oxides and sludge have been stabilized through thermal stabilization. The keys to this four-fold increase over last year's production level are operational improvements and process efficiencies.

B PLANT TRANSITIONED FROM FLUOR TO BECHTEL

The B Plant exhaust system has been turned over to the Environmental Restoration Contract (Bechtel Hanford, Inc.) with the successful completion of two punch-list items. Bechtel Hanford, Inc. has assumed full responsibility for surveillance and maintenance of B Plant and the associated ventilation system.

SPENT FUEL MCO FABRICATION AHEAD OF SCHEDULE

A total of 38 Multi-Canister Overpacks (MCOs) were delivered to Hanford ahead of schedule. Delivery of twelve more MCOs is expected by the end of October. Fabrication of the MCO baskets continues at shop 328 on the Hanford Site.

PERFORMANCE DATA AND ANALYSIS

The following provides a brief synopsis of overall PHMC Environmental Management (EM) cost, schedule, and milestone performance.

FY 2000 Cost and Schedule Performance

Cost Performance — Fiscal-year-to-date (FYTD) cost performance reflects a two percent (\$9.1 million) favorable cost variance that is within the established +10/-5 percent threshold. Four projects outside the threshold and contributing to the favorable cost variance are River Corridor, Advanced Reactors, Landlord, and National Programs. The favorable variance is partially offset by an over-the-threshold unfavorable variance in the Nuclear Materials Stabilization (NMS) Project. Detailed variance analysis explanations can be found in the Project Sections.

Schedule Performance — There is a FYTD four percent (\$20.1 million) unfavorable schedule variance that is at the established +10/-7.5 percent threshold. Three projects outside the threshold and contributing to the unfavorable schedule variance are NMS, Technology Development, and Landlord. Detailed variance analysis explanations can be found in the Project Sections.

Baseline Performance Status

FY 2000 COST / SCHEDULE PERFORMANCE – ALL FUND TYPES

CUMULATIVE TO DATE STATUS (\$M)

Data Through August 2000

| | | Current Fiscal Year Performance (\$ x Million) | | | | | PEM | EAC |
|-----------------------------------|---|--|-------|-------|----------------------|------------------|-------|-------|
| | | FYTD | | | Schedule Variance | Cost Variance | | |
| | | BCWS | BCWP | ACWP | | | | |
| The Plateau | | | | | | | | |
| 1.2 | Waste Management TP02,WM03-05 | 102.3 | 100.7 | 94.1 | (1.6) | 6.6 | 115.0 | 109.8 |
| 1.2.4 | Analytical Svcs (222-S,HASP,WSCF) WM06 | 25.5 | 24.9 | 24.4 | (0.6) | 0.5 | 27.9 | 26.9 |
| 1.4.5 | Nuclear Materials Stabilization TP05 | 117.0 | 106.1 | 111.8 | (10.9) | (5.7) | 127.6 | 124.5 |
| Subtotal The Plateau | | 244.8 | 231.7 | 230.3 | (13.1) | 1.3 | 270.5 | 261.1 |
| The River | | | | | | | | |
| 1.4 | River Corridor TP01,TP04,TP08,TP10,TP12,TP14 | 54.4 | 55.4 | 48.9 | 1.0 | 6.5 | 59.5 | 55.8 |
| 1.3 | Spent Nuclear Fuel WM01 | 185.1 | 182.0 | 184.9 | (3.1) | (2.9) | 201.8 | 204.8 |
| 1.12 | Advanced Reactors (EM) | 1.5 | 1.5 | 1.2 | (0.0) | 0.2 | 1.7 | 1.4 |
| Technology Development (EM-50) | | 20.9 | 18.3 | 17.7 | (2.6) | 0.6 | 23.9 | 22.9 |
| Subtotal The River | | 261.9 | 257.1 | 252.7 | (4.8) | 4.4 | 286.9 | 284.9 |
| The Future | | | | | | | | |
| 1.9 | HAMMER HM01 | 5.4 | 5.2 | 4.8 | (0.2) | 0.5 | 5.9 | 6.1 |
| Subtotal The Future | | 5.4 | 5.2 | 4.8 | (0.2) | 0.5 | 5.9 | 6.1 |
| Multiple Outcomes | | | | | | | | |
| 1.5 | Landlord TP13 | 12.9 | 11.5 | 9.7 | (1.5) | 1.8 | 15.6 | 13.6 |
| 1.8 | Mission Support OT01 | 21.3 | 20.5 | 20.7 | (0.8) | (0.3) | 23.3 | 25.0 |
| 1.11 & WM07 | National Programs OT02, WM07 | 4.9 | 5.1 | 3.8 | 0.2 | 1.4 | 6.0 | 6.1 |
| Subtotal Multiple Outcomes | | 39.2 | 37.1 | 34.2 | (2.1) | 2.9 | 45.0 | 44.7 |
| Total PHMC Projects | | 551.2 | 531.0 | 522.0 | (20.1) | 9.1 | 608.2 | 596.9 |

Notes:

Column headings [Budgeted Cost of Work Scheduled (BCWS), Budgeted Cost of Work Performed (BCWP), Estimate At Completion (EAC), etc.] are defined in the glossary at the end of the report. Calculations are based on Project Baseline Summary detail. Waste Management, Analytical Services, River Corridor, and Nuclear Materials Stabilization have included RL-Directed costs (e.g. steam and laundry) in the Project Execution Module (PEM) BCWS. Technology Development does not include ORP/RPP TTPs currently reported in the RL Dataset in PEM.

Funds Management — Although earned value measures are close to or within established thresholds, the PHMC projected a potential overrun in the Project Completion Control Point (see table of the following page). Project Fiscal Year Spend Forecast (FYSF) data continued to be analyzed in comparison to available funds. Management's aggressive steps designed to correct a possible overrun have been effective. In addition, an internal reprogramming package was approved transferring \$5M from the Post 2006 control point to the Project Completion control point. The PHMC's work with RL has also resulted in moving an additional \$2.94M to the Project Completion control point. As of October 6, a number of other solutions including the reclassification of the 300 Area Accelerated Cleanup Plan and Hanford fire costs to the Post 2006 control point totally mitigated the potential spending variance and resulted in an underrun of approximately \$4.0M. Actual year end costs and funds will be portrayed in the November report.

Funds Management

FUNDS VS. SPENDING FORECAST (\$000)

(FLUOR HANFORD, INC. ONLY)

Data Through August 2000

| | Project Completion * | | | Post 2006 * | | | Line Items/Other * | | |
|---|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|-------------------|------------------|
| | Expected Funds | FYSF | Variance | Expected Funds | FYSF | Variance | Expected Funds | FYSF | Variance |
| The Plateau | | | | | | | | | |
| 1.2 Waste Management | | | | 103,800 | 98,316 | 5,484 | | | |
| TP02,WM03-05 | | | | | | | | | |
| 1.2.4 Analytical Svcs (222-S,HASP,WSCF) | | | | 26,457 | 26,302 | 155 | | | |
| WM06 | | | | | | | | | |
| 1.4.5 Nuclear Materials Stabilization | 113,389 | 116,385 | (2,996) | | | | 18,672 | 10,458 | 8,214 |
| TP05 Line Item | | | | | | | | | |
| Subtotal The Plateau Operating | \$ 113,389 | \$ 116,385 | \$ (2,996) | \$ 130,257 | \$ 124,618 | \$ 5,639 | | | |
| Subtotal The Plateau Line Item | | | | | | | \$ 18,672 | \$ 10,458 | \$ 8,214 |
| The River | | | | | | | | | |
| 1.4 River Corridor | 47,753 | 47,565 | 188 | 5,168 | 4,783 | 385 | | | |
| TP01,TP04,TP08,TP10,TP12,TP14,WM05 | | | | | | | | | |
| Line Item | | | | | | | 278 | 159 | 119 |
| 1.3 Spent Nuclear Fuel | 176,075 | 182,144 | (6,069) | | | | 22,669 | 22,669 | - |
| WM01 Line Item | | | | | | | 4,188 | 3,813 | 375 |
| 1.1.2 Advanced Reactors (EM) | | | | | | | | | |
| Subtotal The River Operating | \$ 223,828 | \$ 229,709 | \$ (5,881) | \$ 5,168 | \$ 4,783 | \$ 385 | | | |
| Subtotal The River Line Item | | | | | | | \$ 27,135 | \$ 26,641 | \$ 494 |
| The Future | | | | | | | | | |
| 1.9 HAMMER | | | | 6,093 | 5,668 | 425 | | | |
| HM01 | | | | | | | | | |
| Subtotal The Future | | | | \$ 6,093 | \$ 5,668 | \$ 425 | | | |
| Multiple Outcomes | | | | | | | | | |
| 1.5 Landlord | | | | 16,127 | 12,943 | 3,184 | | | |
| TP13 | | | | | | | | | |
| 1.8 Mission Support | | | | 16,569 | 15,877 | 692 | | | |
| OT01 | | | | | | | | | |
| Inventory | | | | 8,386 | 7,386 | 1,000 | | | |
| 1.1.1 National Programs | | | | | | | 6,150 | 4,420 | 1,730 |
| OT02, WM07 | | | | | | | | | |
| Subtotal Multiple Outcomes Operating | | | | \$ 41,082 | \$ 36,206 | \$ 4,876 | | | |
| Subtotal Multiple Outcomes Line Item | | | | | | | \$ 6,150 | \$ 4,420 | \$ 1,730 |
| Subtotal PHMC Proj Operating | \$ 337,217 | \$ 346,094 | \$ (8,877) | \$ 182,600 | \$ 171,275 | \$ 11,325 | | | |
| Subtotal PHMC Line Items/Other | | | | | | | \$ 51,957 | \$ 41,519 | \$ 10,438 |
| Proposed Solutions | \$ 2,900 | \$ (8,377) | \$ 11,277 | \$ - | \$ 7,032 | \$ (7,032) | | \$ (2,274) | \$ 2,274 |
| Total PHMC | \$ 340,117 | \$ 337,717 | \$ 2,400 | \$ 182,600 | \$ 178,307 | \$ 4,293 | \$ 51,957 | \$ 39,245 | \$ 12,712 |

* Control Point

Notes:

This chart reflects FH Project structure, which divides certain PBS WM05 and TP12 between projects. This breakout is necessary to provide FH project managers with information specific to their areas of responsibility and accountability and to facilitate effective management of the funds within their control (obligated to the PHMC). Consequently, these figures will differ from those shown elsewhere in this report (as generated in the PEM system).

For purposes of funds management, the "Other" category includes all funding sources not suitable for redistribution within the Project Completion and Post 2006 control points.

Expected funds column reflects the total funds expected to be obligated to the PHMC contract by fiscal year end.

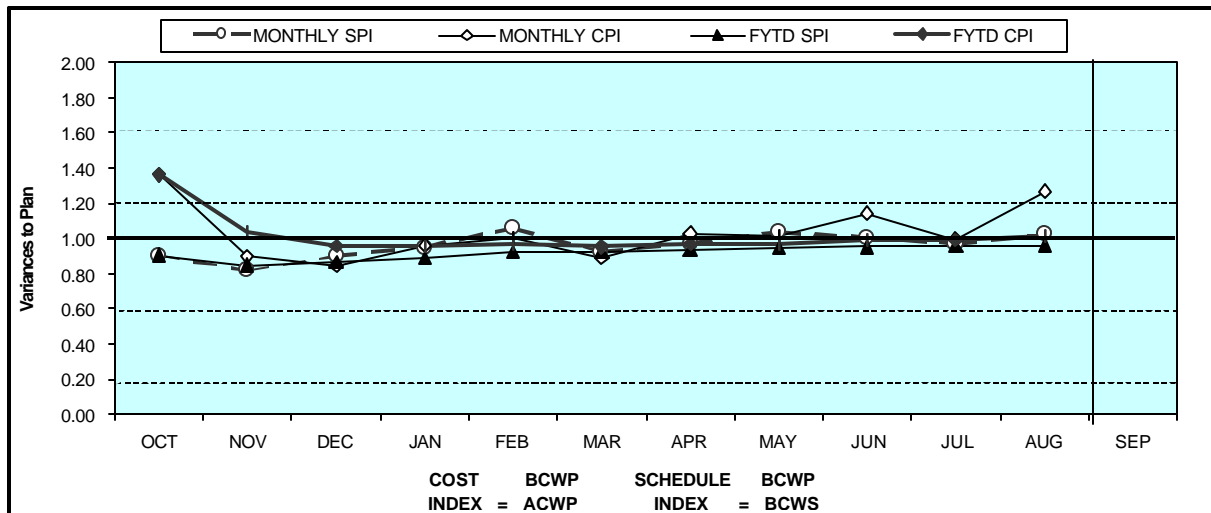
The Landlord FYSF includes \$2.1M carryover work scope.

The Mission Support Inventory reflects the estimated reserve needed to accommodate indirect commitments.

The following Cost/Schedule and Variance to Plan chart provides an overall graphical view of fiscal year to date cost and schedule performance.

FY 2000 Cost / SCHEDULE PERFORMANCE

CUMULATIVE TO DATE STATUS



| FY 2000 | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|--------------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| MONTHLY SPI | 0.90 | 0.82 | 0.90 | 0.95 | 1.06 | 0.92 | 0.97 | 1.04 | 1.00 | 0.97 | 1.02 | |
| MONTHLY CPI | 1.36 | 0.90 | 0.84 | 0.96 | 1.00 | 0.89 | 1.03 | 1.01 | 1.15 | 1.00 | 1.27 | |
| FYTD SPI | 0.90 | 0.85 | 0.87 | 0.89 | 0.93 | 0.92 | 0.93 | 0.95 | 0.95 | 0.96 | 0.96 | |
| FYTD CPI | 1.36 | 1.04 | 0.96 | 0.96 | 0.97 | 0.95 | 0.96 | 0.97 | 0.99 | 0.99 | 1.02 | |
| MONTHLY BCWS | \$ 32,549 | \$ 53,749 | \$ 43,002 | \$ 46,580 | \$ 47,980 | \$ 59,420 | \$ 52,063 | \$ 62,362 | \$ 46,232 | \$ 43,122 | \$ 64,121 | \$ 57,050 |
| MONTHLY BCWP | \$ 29,438 | \$ 43,863 | \$ 38,748 | \$ 44,295 | \$ 50,947 | \$ 54,698 | \$ 50,649 | \$ 64,618 | \$ 46,358 | \$ 41,741 | \$ 65,686 | |
| MONTHLY ACWP | \$ 21,600 | \$ 49,006 | \$ 45,973 | \$ 46,037 | \$ 50,745 | \$ 61,462 | \$ 49,182 | \$ 63,799 | \$ 40,470 | \$ 41,919 | \$ 51,768 | |
| FYTD BCWS | \$ 32,549 | \$ 86,298 | \$ 129,299 | \$ 175,880 | \$ 223,860 | \$ 283,280 | \$ 335,344 | \$ 397,706 | \$ 443,938 | \$ 487,060 | \$ 551,180 | \$ 608,230 |
| FYTD BCWP | \$ 29,438 | \$ 73,302 | \$ 112,049 | \$ 156,344 | \$ 207,291 | \$ 261,990 | \$ 312,639 | \$ 377,257 | \$ 423,615 | \$ 465,356 | \$ 531,042 | |
| FYTD ACWP | \$ 21,600 | \$ 70,606 | \$ 116,579 | \$ 162,616 | \$ 213,361 | \$ 274,823 | \$ 324,005 | \$ 387,804 | \$ 428,274 | \$ 470,193 | \$ 521,961 | |

MILESTONE PERFORMANCE

Milestones represent significant events in project execution. They are established to provide a higher level of visibility to critical deliverables and to provide specific status about the accomplishment of these key events. Because of the relative importance of milestones, the ability to track and assess milestone performance provides an effective tool for managing the PHMC EM cleanup mission.

FYTD milestone performance (Enforceable Agreement [EA], U.S. Department of Energy-Headquarters [DOE-HQ], and RL) shows that 57 of 71 (80 percent) approved baseline milestones were completed on or ahead of schedule, 9 milestones (13 percent) were completed late, and 5 milestones (7 percent) are overdue. The five overdue milestones are associated with three projects: Nuclear Material Stabilization (Section C: 1)—three, Mission Support (Section I)—one, and River Corridor (Section C: 2)—one. These overdue milestones do not share a common cause.

In addition to the FY2000 milestones described above, there are three overdue milestones [(Waste Management (Section B: 1) and Nuclear Materials Stabilization Projects (Section C: 1)] from the prior fiscal year (FY1999). Further details regarding these milestones may be found in the Project Sections.

FY 2000 information is depicted graphically below and on the following page. For additional details related to the data in the graphs and prior year milestones, refer to the relevant project section titled “Milestone Exception Report.”

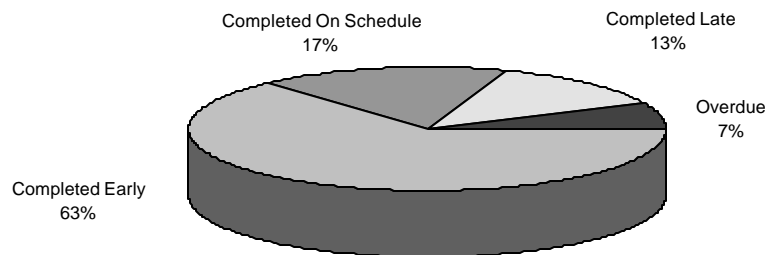
FY 2000 information reflects the current approved baseline. Changes in both the number and type of milestones from month to month are the result of Baseline Change Requests (BCRs) approved during the year.

TOTAL ALL HANFORD PROJECTS

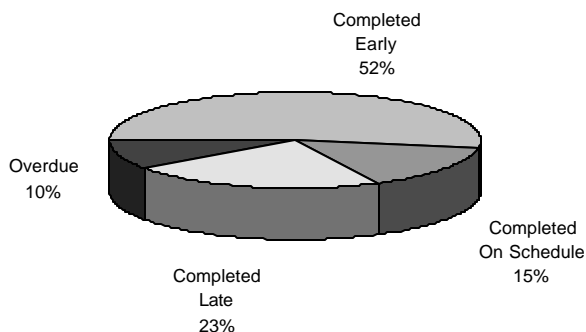
MILESTONE ACHIEVEMENT

| MILESTONE TYPE | FISCAL YEAR-TO-DATE | | | | REMAINING SCHEDULED | | | TOTAL FY 2000 |
|-----------------------|---------------------|-----------------------------|-------------------|----------|---------------------|-------------------------|------------------|---------------------|
| | Completed Early | Completed On Schedule | Completed Late | Overdue | Forecast Early | Forecast On Schedule | Forecast Late | |
| Enforceable Agreement | 24 | 5 | 0 | 0 | 0 | 3 | 0 | 32 |
| DOE-HQ | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 2 |
| RL | 21 | 6 | 9 | 4 | 0 | 26 | 1 | 67 |
| Total Project | 45 | 12 | 9 | 5 | 0 | 29 | 1 | 101 |

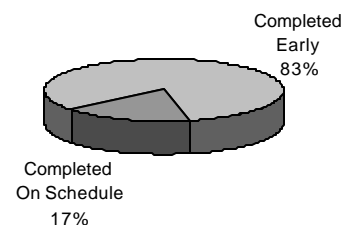
Total Project (FYTD)



RL

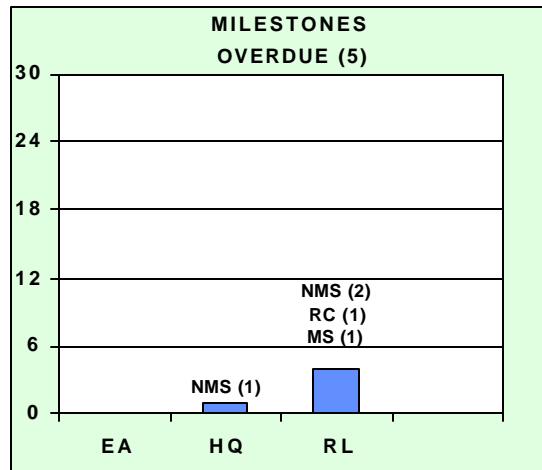
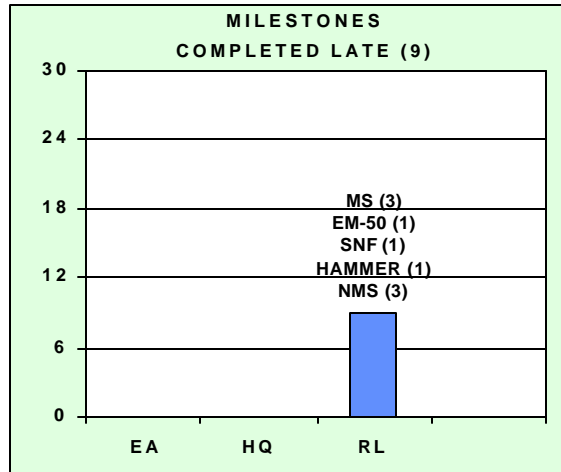


Enforceable Agreement

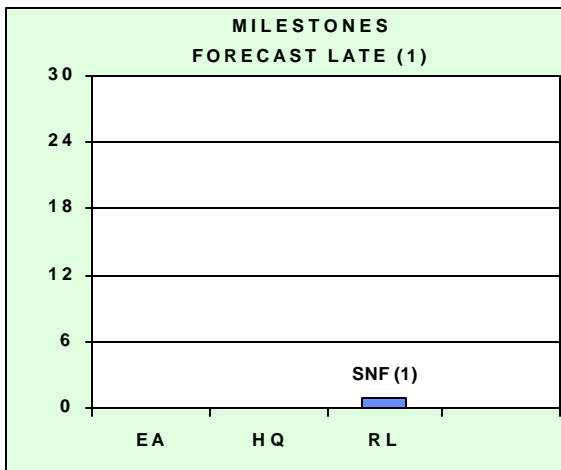


MILESTONE EXCEPTIONS

FISCAL YEAR TO DATE



REMAINING SCHEDULED



These charts provide detail by project and milestone level / type for milestones

- Completed Late
- Overdue
- Forecast Late
- Detailed information can be found in the individual project sections

SAFETY OVERVIEW

The focus of this section is to document trends in occurrences. Improvements in these rates are due to the efforts of the PHMC workforce as they implement the Integrated ES&H Management System (ISMS), work towards achieving Voluntary Protection Program (VPP) “star” status, and accomplish work through Enhanced Work Planning (EWP). Safety and health statistical data is presented in this section.

SIGNIFICANT SAFETY AND HEALTH EVENTS

Rates have been stable for over two years. Waste Management (WM) had no OSHA recordable cases in August. If September data ends in at least one standard deviation below average, this project will show a significant decrease. WM has recently achieved One Million Safe Work hours without a lost workday case.

Analytical Services (AS) OSHA Recordable Case Rate is stable at the current baseline. The AS DOE Safety Cost Index has been rebaselined upwards due to recent increasing trends. AS has been conducting ergonomic evaluations to reduce workplace injuries, and will report findings at the October Presidents’ Zero Accident Council Meeting.

Nuclear Material Stabilization (NMS) DOE Safety Cost Index and Lost Away Workday Case Rate are zero. The Employee-led Zero Accident Council has been instrumental in the improvement in workplace safety.

River Corridor (RC) OSHA Recordable Case Rate remains low, however, reclassification of a June case and two new cases in August may signal a potential adverse trend. RC has recently achieved one Million Safe Work hours without a lost workday case.

Spent Nuclear Fuels (SNF) Lost/Restricted Workday Case Rate has shown significant improvement, and the Lost Away Workday Case Rate is zero. The OSHA Recordable Case Rate has been at the baseline average for the past two months.

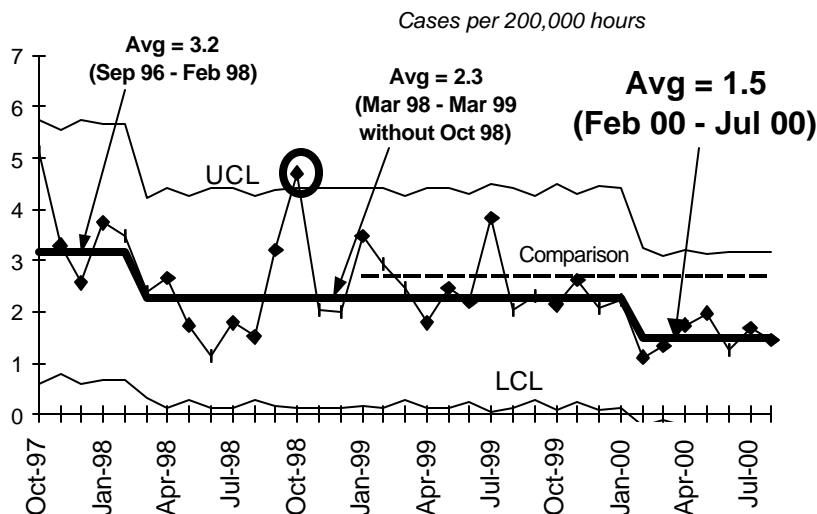
Advanced Reactor Transition rates are consistently the lowest rates of the major projects.

Landlord (LL) Lost Away Case Rate is very good, and LL is close to exceeding two million safe work hours. For the past three months, LL OSHA Recordable Case Rate has been one standard deviation below average. If September and October end in with one or fewer OSHA recordable cases, that will be a significant decrease.

Due to space constraints, FY1996 data is not portrayed on the following graphs.

Green

Total OSHA Recordable Case Rate



FY 1999 = 2.7
 FY 2000 = 1.8
 Contractor
 Comparison
 Average = 2.7 (CY99)

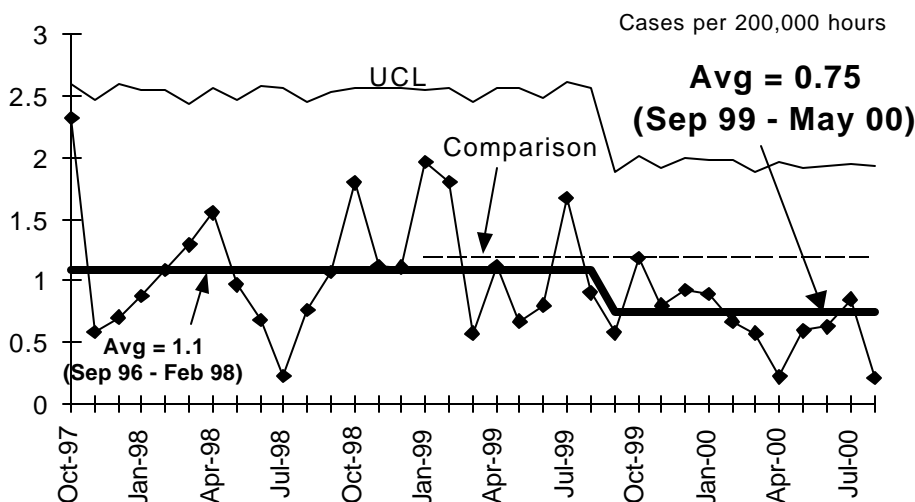
Recent data have been stable within the new 1.5 baseline. The FH Team continues to look for opportunities for injury reduction in the areas of ergonomics and lacerations.

FH implemented a program to target an OSHA Recordable Case Rate of 0.9. The Fluor Global Services goal is 1.0. This is in line with Fluor's corporate value of safety and our commitment to the safe clean-up of the Hanford Site.

The FH projects' Safety Improvement Plan activities have made noticeable contributions to an injury free work environment.

OSHA Lost/RESTRICTED WORKDAY CASE RATE

Green



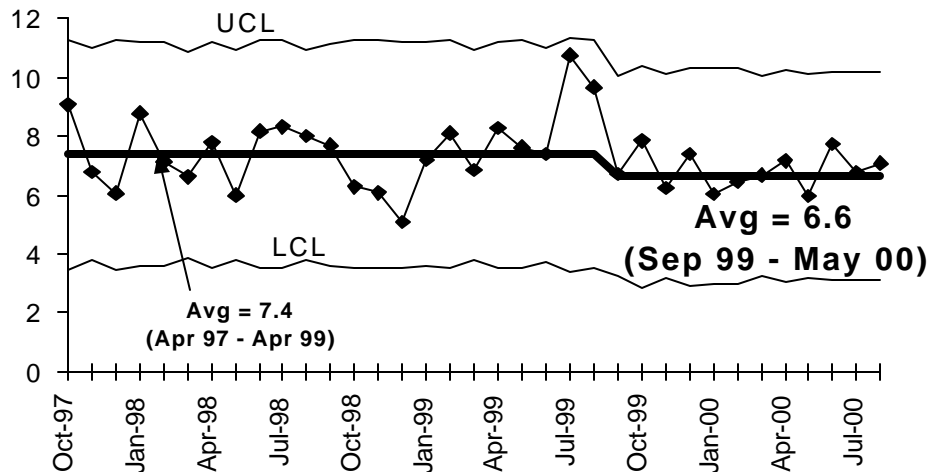
FY 1999 = 1.2
 FY 2000 to date = 0.7
 Contractor
 Comparison Average = 1.2 (CY99)
 Data continue to follow the current baseline average established for September 1999 - May 2000.

The FH Team has accumulated over 8 million safe work hours since mid-December 1999 without any new lost away workday cases. At the current work hour accumulation rate, the FH Team could be celebrating 10 Million Safe Work hours at the end of October.

Green

FIRST AID CASE RATE

Cases per 200,000 hours

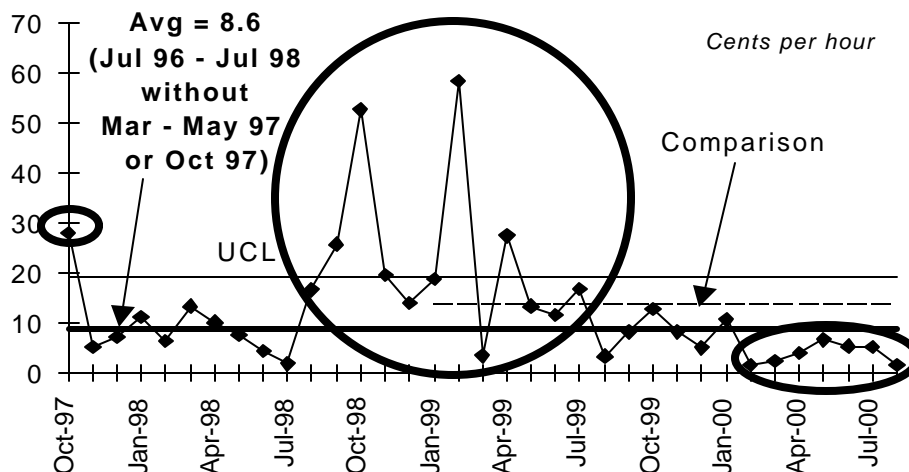


First Aid Rate undergoes seasonal cycles. Increases occur in warmer weather due to insect and animal encounters, and due to wind related minor injuries. First Aid case rate has remained relatively stable, a good indication that injuries are not being under-reported.

A new baseline average has been established for this indicator following a decrease after the summer of 1999. So far, there has not been an increase in 2000 due to summer related injuries. Past activities to increase awareness of wind hazards and actions to control insects and animals appear to be having an effect. The hazard of receiving wind-borne debris in eyes when working outdoors has considerably increased due to the bare, exposed sand left by the Hanford wildfire.

Green

DOE Safety Cost Index



FY 1999 = 20
 FY 2000 to date = 5.8
 Contractor
 Comparison Average = 13.9 (CY99)
 There has been a long term cycle over the past three years of decreases for 7 to 9 months, followed by increases. The past seven months have been below average. However, recent data may gain further lost or restricted days.

This indicator has been tracked by Fluor Hanford since the beginning of its contract (October 1996). The baseline average was established in 1998, and there has not been a sufficiently stable set of statistical data to change the baseline average since it was initially established. Past data continue to be corrected as further days accumulate on any work restrictions or lost days.

CRITICAL ISSUES

- **WELDS ON TYPE W OVERPACK CAPSULES**

Waste Encapsulation Storage Facility (WESF) received Cogema's report on the Type W overpack capsule welds on September 6. Cogema identified four of the 23 Type W overpack capsules as having linear indications in excess of inspection criteria. These indications are related to very small voids/porosity in the weld area. This condition does not pose a problem with regard to the present containment integrity of these capsules. The results of Cogema's analysis will be evaluated to determine if any issues exist with respect to long-term storage in the WESF pool cells.

- **FIRE IMPACTS TO THE INTEGRATED SOIL, VEGETATION, AND ANIMAL CONTROL (ISVAC) PROGRAM**

ISVAC program components for fire recovery plan are not currently included as part of the program. This includes control of soil erosion and reduction of blowing sand, control of tumbleweed and other noxious weed growth, and restoration of a productive habitat. However, an advanced work authorization and funding have been approved, and work has begun on the fire recovery.

MANAGEMENT COMMITMENT MILESTONES AS OF AUGUST 31, 2000

| Milestones | Due Date | Forecast Date | Actual Date | Status / Comments |
|---|-----------------|----------------------|--------------------|--------------------------|
| Nuclear Materials Stabilization | | | | |
| Submit PFP Tank 241-Z-361 Core Sample Data to EPA (M-015-37B) | 5/31/00 | 5/31/00 | 5/31/00 | Complete |
| Begin Stab. Of Pu Solutions via Mg(OH) ₂ | 7/31/00 | 9/12/00 | 9/20/00 | Complete |
| Spent Nuclear Fuels | | | | |
| Complete KW Cask Facility Mods (M-034-14A) | 2/29/00 | 2/29/00 | 2/29/00 | Complete |
| Commence Phased Startup Initiative Hot Testing | 5/31/00 | Mid-October | | See note 1. |
| Complete Phased Startup Initiative Testing | 8/31/00 | TBD | | |
| Waste Management | | | | |
| Initiate TRU Shipment to WIPP | 5/31/00 | 7/12/00 | 7/12/00 | Complete |

¹ Increased Management attention has been placed on this due to the delays in completing Phase I and II.

CRITICAL FEW PERFORMANCE MEASURES

| Performance Measure | Status as of August 31, 2000 |
|--|---|
| Spent Nuclear Fuel: | |
| Measure - Amount of fuel removed | |
| Declaration of Readiness to move Spent Nuclear Fuel | Yellow |
| Phased Startup Initiative Phases I & II | Red |
| Measure - Amount of SNF Stabilized | NA FY 2000 |
| 324/327 Building Deactivation: | |
| Measure - Number of buildings dispositioned | Green |
| Waste Management: | |
| Measure - Adequacy of waste management services support | |
| Number of analytical equivalent units (AEU's) analyzed | Green |
| Through-put efficiency of effluent treatment facility (ETF) gpm | Green |
| Number of 242-A evaporator campaigns completed | Green |
| Measure - Retrieve and ship TRU offsite | |
| Number of drums retrieved | Green |
| Number of shipments to WIPP | Green |
| Measure - MLLW Treated (m3) | Green |
| Measure - MLLW Disposed (m3) | Green |
| Measure - Clear three T-Plant canyon deck sections | Green |
| Measure - Remove two PUREX separation towers | Green |
| Plutonium Stabilization: | |
| Measure - Pu metal/oxides/other types dispositioned (items) | Yellow |

Yellows noted above are behind schedule but recoverable. Red is either missed or unrecoverable. Details can be found in the Project Sections.

KEY INTEGRATION ACTIVITIES

The following are the key technical integration activities that are currently underway and cross project/contractor lines. These activities are being addressed by inter-discipline and inter-project groups and demonstrate that Hanford Site contractors are working together to accomplish the EM Clean up mission.

- Waste Management (WM) continues working with RL, DOE-HQ and other Sites to develop and define Hanford's role in disposing of waste from other sites. Hanford's role as one of the identified LLW/MLLW disposal sites for the Complex is yet to be fully defined.
- WM supporting the ORP Waste Treatment Plant.
- WM supporting visits from both the DOE-Idaho Program Office and the Office of the Inspector General in regards to opportunities for treatment/disposal of INEEL wastes at Hanford.
- WM continues working with PNNL, EM-50 and Mixed Waste Focus Area (MWFA) to obtain funding in support of mixed waste processing.

- Analytical Services continues to support ORP efforts to establish required analytical support for Waste Treatment Plant (WTP) design and operation.
- Nuclear Material Stabilization Project continues working with PNNL on activities associated with the $Mg(OH)_2$ process in order to accelerate the plutonium solution stabilization process, and polycube stabilization issues (gathering data for the SAR).
- Through involvement with the National Facility Deactivation Initiative, Hanford, Rocky Flats, and Savannah River are working to submit a joint proposal for a contaminated large equipment size reduction system deployable at the three sites.
- Spent nuclear fuel (SNF) final disposition interface activities, including Office of Civilian Radiation Waste Management (OCRWM) Quality Assurance (QA) Program implementation, completed with the National SNF Program. The SNF Project received formal notification that the SNF Project's implementation of OCRWM QA Program was deemed "effective" by the National SNF Program.
- SNF Project Programmatic Agreement with River Corridor Project for 324 Building (B Cell) fuel removal is in the management approval cycle.
- The SNF Project and Waste Management Project continued preparations for K Basins' sludge removal and Shippingport (PA) Pressurized Water Reactor Core 2 SNF removal.
- SNF Project provided input to Bechtel Hanford, Incorporated on transfer plan for SNF discovered during upcoming 105F and 105H reactor basins deactivation.
- Landlord Project is supporting RL in establishing a Hanford Site Planning Advisory Board made up of cooperating agencies and Tribal representatives to support implementation of the Comprehensive Land Use Plan (CLUP).
- Landlord Project is supporting the RL realty officer in developing and administering Real Estate documents (e.g., licenses, leases, easements, and permits) for onsite and offsite contractors, agencies such as the U.S. Fish and Wildlife Service.

UPCOMING PLANNED KEY EVENTS

The following Key events are extracted from the authorized baseline and are currently expected to be accomplished during the next several months. Most are Enforceable Agreement (EA), HQ or DNFSB Milestones.

Waste Management:

- Accelerate Readiness to Receive Spent Nuclear Fuel K Basin Sludge.
 - Clear three sections of the T Plant Canyon deck in September 2000.
 - Complete entire deck clearing by the end of FY 2001.
 - Complete safety basis documentation and long lead procurements in FY 2001.
 - Install handling, drying and loading equipment in FY 2001.

Analytical Services

- Analytical Services will host the executive director of the Waste Management Education and Research Consortium (WERC) on October 3-4, 2000.
- Dr. Steven Bakhtiar of Analytical Services is chairing the 46th Annual Bioassay, Analytical, and Environmental Radiochemistry (BAER) Conference in Seattle in mid-November 2000.

Nuclear Materials Stabilization:

- Begin Pu solution stabilization via $Mg(OH)_2$ in September 2000.
- Complete installation and startup of the 234-5Z Bagless Transfer System (BTS) in September 2000.
- Begin metal stabilization processing in October 2000.
- Initiate alloys and polycube stabilization in third quarter of FY 2001.

River Corridor Project:

- Issue the final report for the 300 Area Waste Acid Treatment System (WATS) Resource Conservation and Recovery Act (RCRA) Closure Activities in September 2000.
- Complete T-hopper shipments to Portsmouth, Ohio by September 28, 2000.
- Complete Removal of 324 Building Radiochemical Engineering Cell (REC) B Cell Mixed Waste (MW) and Equipment in November 2000.

Spent Nuclear Fuels:

- Complete integrated subsystem testing of the Cold Vacuum Drying facility by the end of September.
- Begin DOE Operational Readiness Review (ORR) for fuel removal by early October 2000.
- Begin K West Basin fuel removal, drying and storage operations by November 30, 2000.
- Start K West Basin canister cleaning in December 2000.
- Complete KE Basin Sludge Loadout conceptual design in January 2001.
- Complete KE Basin Integrated Water Treatment System (IWTS) definitive design in April 2001.

Landlord

- Complete Construction for Project L-309, "Replace Section of Main Water Lines" by September 29. This project will replace 1500 feet of 2-inch temporary plastic line that runs from 272AW to M0278 in the 200E Area with 6-inch plastic line.
- Complete 2.2 miles of Rattlesnake Barricade access road overlay, widen road from SR 240 to the Army Loop Road, and make safety improvements at the Patrol Check Station by September 29.